

## BOTANICAL SURVEY REPORT

### SITE NAME: Duke Lane Remnant Glade (D-8)

County: Durham  
Quad: Northwest Durham  
Acreage: 1  
Province: Piedmont  
Significance: 4 - State.  
Integrity: 1 -Poor  
Landscape Value: No special merit  
Threat Status: 4 - High  
Ownership: Public; NCDOT

### Summary List of Special Plant Species: *Silphium terebinthinaceum*

**Significant Features:** Remnant Diabase Glade natural community. Prairie dock, a Primary Proposed species, is disjunct from the midwestern prairies, over 300 miles, to fewer than 20 sites in North Carolina, all but one in Durham and Granville Counties. The population at this site numbers only 20-30 plants scattered along the forest edge.

**Priorities and Specific Needs for Further Investigation:** Development and road construction are an ever present factor in the possible destruction of these areas. Development of adjacent land, the paving of Duke Lane, and construction of the Horton Road extension are the primary threats to this site.

**Reconnaissance Dates:** Original inventory dates and several dates in October 1990 and in the spring and summer of 1991, 1992, 1993

**Surveyors:** Rob Sutter, Jim and Liz Pullman, Jane Korest, Heather Potter

**Location:** Adjacent land is mostly agricultural and low density residential. Located on county road right-of-way.

**Access to Site:** D-8 is located 0.5 to 0.7 miles north of Old Oxford Highway (CR 1004) on Duke Lane, both west and east of the road.